

Message Text

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ACTION OES-09

INFO OCT-01 AF-10 ARA-10 EA-10 EUR-12 NEA-10 ISO-00
ACDA-12 CIAE-00 INR-10 IO-13 L-03 NSAE-00 NSC-05
EB-08 NRC-05 SOE-02 DODE-00 SS-15 SP-02 CEQ-01
PM-05 OIC-02 /145 W
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TO SECSTATE WASHDC 7091
INFO AMEMBASSY MOSCOW
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C O N F I D E N T I A L VIENNA 06187

USAIEA

DEPT PASS IO/SCT
DOE PASS AMMONS, IA

E.O. 11652: GDS
TAGS: IAEA, TECH, ENRG
SUBJECT: CONTROLLED THERMONUCLEAR FUSION RESEARCH

REFERENCE: VIENNA 4640

1. MISSION HAS OBTAINED COPY OF PROPOSED "RESPONSE TO THE DIRECTOR GENERAL" DRAFTED BY MEMBERS OF SUB-GROUP OF INTERNATIONAL FUSION RESEARCH COUNCIL (IFRC), WHICH MET LAST WEEK IN VIENNA TO CONSIDER REPLIES TO DIRECTOR GENERAL'S LETTER OF JANUARY 17, 1978 ON FUTURE INTERNATIONAL COOPERATION IN CONTROLLED THERMONUCLEAR FUSION RESEARCH AND DEVELOPMENT, AND IN PARTICULAR, THE SOVIET PROPOSAL TO INITIATE AN INTERNATIONAL PROJECT ON A SITE TO BE PROVIDED BY THE SOVIET UNION. COPIES POUCHED AMMONS/DOE AND NOSENZO, DEPT (OES/NET). DRAFT RESPONSE
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IS TO BE CONSIDERED AT NEXT MEETING OF IFRC AT INNSBRUCK, AUSTRIA, AUGUST 21-22, 1978.

2. RE SOVIET PROPOSAL, DRAFT RESPONSE STATES THAT "THE IFRC CONSIDERS THIS PROPOSAL TIMELY AND IMAGINATIVE, BUT RECOGNIZES THAT THE FIRST PRIORITY MUST BE THE CRYSTALLIZATION OF THE TECHNICAL OBJECTIVES AND NATURE OF THE

PROPOSED APPARATUS. THE IFRC THEREFORE RECOMMENDS SETTING UP PROMPTLY A PERIODIC "WORKSHOP" IN WHICH THE WORK SO FAR CARRIED OUT BY THE VARIOUS COUNTRIES CAN BE EXAMINED IN DETAIL AND THE FIRST STAGES IN THIS CRYSTALIZATION CAN BE ESTABLISHED". DRAFT RESPONSE CONTAINS ANNEX DESCRIBING TERMS OF REFERENCE OF THIS PROPOSED WORKSHOP AND PROPOSED ADMINISTRATIVE ARRANGEMENTS.

3. "WORKSHOP" WOULD BE A "ZERO PHASE" TO ESTABLISH WHETHER OR NOT THE PROJECT CAN BE TAKEN INTO THE "DEFINITION PHASE". A "DESIGN PHASE" AND A "CONSTRUCTION PHASE" MIGHT FOLLOW THEREAFTER, BUT ONLY UPON A FAVORABLE DECISION AT THE END OF EACH PHASE.

4. THE MECHANISM OF "PHASE ZERO" WOULD INCLUDE IAEA SETTING UP WORKSHOP ON THE NEXT STEP WITH PARTICIPATING EXPERTS BEING NOMINATED BY THE IFRC.

A. PARTICIPANTS - 2 TO 4 FROM EACH PARTICIPATING ORGANIZATION (JAPAN, EURATOM, USA, USSR), TOTAL APPROXIMATELY 12. A STEERING GROUP CONSISTING OF THE SENIOR PARTICIPANT FROM EACH COUNTRY WOULD GUIDE THE GROUP. ONE MEMBER WILL BE SELECTED CHAIRMAN.

B. LOCATION - PREFERENCE OF LOCATION FOR THE WORKSHOP SHOULD BE IN THE INTERNATIONAL CENTER FOR THEORETICAL CONFIDENTIAL

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PHYSICS IN TRIESTE OR THE IAEA IN VIENNA. FINAL RECOMMENDATION TO BE SUBMITTED BY THE AGENCY AT THE INNSBRUCK CONFERENCE ON THERMONUCLEAR FUSION RESEARCH, BEARING IN MIND THE POINTS MADE IN THE DISCUSSION AT THE IFRC SUB-GROUP MEETING.

C. PROGRAM - WORKSHOP SHOULD MEET FOR ABOUT 1 OR 2 MONTHS FOR ABOUT THREE TIMES DURING 1978/1979 AND PRODUCE A FINAL REPORT BEFORE THE END OF ONE YEAR, AND ANY INTERMEDIATE REPORTS AS MAY BE DEEMED NECESSARY BY THE IFRC.

D. FINANCIAL SUPPORT - (1) SALARIES OF PARTICIPANTS, TRAVEL AND LIVING EXPENSES TO BE PAID BY THEIR PARENT ORGANIZATION. (2) EXPENSES OF ANY ADDITIONAL INVITED EXPERTS TO BE PAID BY PARENT ORGANIZATIONS (TO GIVE LECTURES AND ASSISTANCE TO THE STUDY GROUP). (3) HOSTING FACILITIES TO BE PROVIDED BY IAEA. HOSTING FACILITIES TO INCLUDE OFFICES, SECRETARIES, AND OTHER ITEMS, SUCH AS LIBRARIES, TELEPHONES, ETC. AGENCY WILL CONSULT WITH TRIESTE CENTER AND EURATOM REPRESENTATIVES ON COMPUTER FACILITIES.

5. MEMBERS OF SUB-GROUP WERE R.S. PEASE, CHAIRMAN
(UK), E. KINTNER (USA), S. MORI (JAPAN), D. PALUMBO.
(URATOM), AND E. VELIKHOV (USSR).

6. FOREGOING IS FOR INFORMATION. LEAHY

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